

	Name	Assistant Professor Mrs. Amruta Bajirao Patil		
	Designation	Assistant professor		
	Department	E&TC engineering		
	Qualification	M.Tech. (Electronics & VLSI)		
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	Experience	Teaching : 7	...Years	Industry :

Area Of Interest	Embedded systems			
Publications	International Journal (s):	06	National Journals (s) :	-
	International Conference (s):	-	National Conference:	03
Publication Details	<p>Amruta Patil, Prof. R.M.Khaire, "Establishment of evaluation metric and quality analysis of enamel coating thickness and thermal resistivity of copper wire using arm7 processor" International Journal of Application or Innovation in Engineering & Management (IAIEM), Volume 3, Issue 1, January 2014, ISSN 2319 – 4847</p> <p>Amruta Patil, Prof. R.M.Khaire, "Automatic Resistance detection and Abrasion testing of copper wire used in transformer or motor windings by ARM 7 processor", International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 3, Issue 2, March – April 2014, ISSN 2278-6856</p> <p>Amruta Patil, Mistry Tapasvee, Shah Khantil, Himanshu Parashar, "Radio frequency identification based wireless attendance system", Volume 2, Issue 3, March 2014, ISSN 2302-2084</p> <p>Amruta Patil, Shalvi Patel, Mayank Monga, MuKul Pandey, "GPS based friend tracker and online /offline SMART reminder for android systems", Volume 2, Issue 3, March 2014, ISSN 2302-2084</p> <p>Mrs.A.B.Patil, Mrudul Ramesh, Himanshu Mishra, Govin Kumar, "automated railway track crossing and monitoring system using atmega 16 microcontroller", International journal of enhanced research in science technology & engineering, Volume 5, Issue 3, March 2016, ISSN 2319-7463</p> <p>Prof. Amruta Patil Siddharth Ojha, Akshay Kapoor, "Soil Moisture and Sunlight Monitoring-Controlling using Raspberry Pi for Greenhouse" international journal of innovative trends in engineering (ijite) issn: 2395-2946 issue: 43, volume 27, number 01, 2017</p>			
Books Published	1. Nil			
Professional Memberships	1. Nil			
WorkShop/ Seminar/Conference attended	<ol style="list-style-type: none"> 1. Workshop attended -NI LABVIEW, Good Teaching Practices & challenges, Workshop on Cloud Competing, Embedded System design, Women Empowerment, Raspberry Pi . 2. Conference - A National Conference on "Advance Technologies for Secured Communication using 4G and LTE (ATSC-2014)" , 3. 1st International Conference on Emerging Trends in Electronics and Communication Engineering on April 2-3, 2015 			
Achievements	Won 1 st Prize in paper presentation, in National conference "Advance Technologies for Secured Communication using 4G & LTE"" at BVDUCOE, Pune - 5 Feb 2014			
Extra Activities	Purchase Co-ordinator of E&TC Department, Member of central Academic committee, Lab In-charge of NT-LIC, Anti-ragging Department Member of E&TC Department , Cultural committee member of "Bharatiyam".			